

Title (en)

Helicopter weighing system and method of operating such a weighing system

Title (de)

Hubschrauber Wiegesystem und Verfahren zum Betrieb eines solchen Wiegesystems

Title (fr)

Système de pesage d' hélicoptère et procédé de fonctionnement d'un tel système de pesage

Publication

EP 2450677 B1 20140122 (EN)

Application

EP 10400055 A 20101109

Priority

EP 10400055 A 20101109

Abstract (en)

[origin: EP2450677A1] This invention relates to a weighing system for detecting total weight, including optional external loads, and monitoring of center of gravity of a helicopter (2), comprising a fuselage (1), a landing gear (4), mounted to the fuselage (1) by flanges (10-13) and weighing cells (41-44). The weighing cells (41-44) are integral with the flanges (10-13) between the fuselage (1) and the landing gear (4). Attachment means are provided at the landing gear (4) for external loads (39, 40).

IPC 8 full level

G01G 19/07 (2006.01)

CPC (source: EP US)

G01G 19/07 (2013.01 - EP US); **G01M 1/125** (2013.01 - US)

Cited by

EP2672238A1; EP3440439A4; DE102012101705A1; DE102012101705B4; US10654564B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2450677 A1 20120509; **EP 2450677 B1 20140122**; CA 2752282 A1 20120509; CA 2752282 C 20141216; US 2012116660 A1 20120510; US 8452525 B2 20130528

DOCDB simple family (application)

EP 10400055 A 20101109; CA 2752282 A 20110914; US 201113239451 A 20110922